



112503

13281 U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

Address to:

Box PATENT APPLICATION
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attorney Docket No.

SHIJ3001/EM

First Named Inventor
(or identifier)

Jin-Wei SHI

Total Pages

61

Transmitted herewith is a patent application under 37 CFR 1.53(b).

Entitled:

Avalanche Photo-Detector With High Saturation Power And High Gain-Bandwidth Product

- ☒
1. Submitted herewith are the following:

19 pages of specification, including claims and Abstract.

5 sheets of FORMAL drawings (Figs. 1-9).

20 claims.

1 Oath/Declaration signed by each inventor.

1 Application Data Sheet.

1 Assignment of the invention to Industrial Technology Research Institute,
Chutung, Hsinchu, Taiwan, R.O.C.,

Cover Sheet, and payment of the \$40 recordal fee.

1 certified copy of Taiwan application no. 092124948. Priority is claimed.

1 check in the amount of \$810 (\$770- Filing Fee; \$40- Assignment Recordation Fee).

- ☐
2. SMALL ENTITY STATUS IS ASSERTED pursuant to 37 CFR 1.27 for this application.

- ☒
3. The Commissioner is authorized to credit any overpayment and charge any deficiency in any fees required under 37 CFR 1.16 and/or 1.17, to Deposit Account No. 02-0200.

- ☐
4. Insert before the first sentence of the specification: -- This application claims the benefit of provisional application number _____ filed _____. --

- ☐
5. Insert before the first sentence of the specification: -- This application is a Continuation-in-part of nonprovisional application number _____ filed _____. --

- ☐
6. Other: _____.

The registered practitioners representing applicant(s) are J. Ernest Kenney, Reg. No. 19,179; Eugene Mar, Reg. No. 25,893; Richard E. Fichter, Reg. No. 26,382; Thomas J. Moore, Reg. No. 28,974; Joseph DeBenedictis, Reg. No. 28,502; and Benjamin E. Urcia, Reg. No. 33,805.

THE FILING FEE IS CALCULATED AS FOLLOWS:

Basic Fee:

\$770.00

Total Claims:

20

- 20 =

0

X \$18 =

\$0.00

Independent Claims:

1

- 3 =

0

X \$86 =

\$0.00

Correspondence Address:

BACON & THOMAS, PLLC
625 Slaters Lane, 4th Floor
Alexandria, VA 22314-1176

23364

CUSTOMER NUMBER

Multiple Dependent Claim (add \$290.00):

\$0.00

Subtotal:

\$770.00

50% Reduction if Small Entity Status:

\$0.00

Phone: 703-683-0500

Fax: 703-683-1080

Total:

\$770.00

Date:

Name:

Signature:

Reg. No.

November 25, 2003

Eugene Mar

25,893

16235 U.S. PTO
10/20117

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